

Title (en)
BIOLOGICALLY ACTIVE PEPTIDES CONTAINING D-2-ALKYLTRYPTOPHAN.

Title (de)
D-2-ALKYLTRYPTOPHAN ENTHALTENDE BIOLOGISCH AKTIVE PEPTIDE.

Title (fr)
PEPTIDES BIOLOGIQUEMENT ACTIFS CONTENANT DU D-2-ALKYLTRYPTOPHANE.

Publication
EP 0531461 A1 19930317 (EN)

Application
EP 91920995 A 19910417

Priority
• EP 9100727 W 19910417
• IT 2027390 A 19900511

Abstract (en)
[origin: WO9118016A1] Peptides containing at least one D-2-alkyltryptophan residue in their amino acid chain and having pharmacological activity similar to that of analogous peptides containing natural unsubstituted D-tryptophan residues in place of at least one D-2-alkyltryptophan. These new peptides are more resistant to oxidative degradation which usually takes place, for example, in the presence of reactive radicals or during high energy sterilization than unsubstituted tryptophan containing peptides.

Abstract (fr)
Peptides contenant au moins un reste de D-2-alkyltryptophane dans leur chaîne d'acides aminés et possédant une efficacité pharmacologique semblable à celle de peptides analogues contenant des restes naturels non-substitués de D-tryptophane à la place d'au moins un D-2-alkyltryptophane. Ces nouveaux peptides sont plus résistants à la dégradation par oxydation qui a lieu généralement en présence de radicaux réactifs ou pendant une stérilisation à énergie élevée que les peptides non-substitués contenant du tryptophane.

IPC 1-7
A61K 37/24; A61K 37/43; C07K 7/06; C07K 7/20; C07K 7/26

IPC 8 full level
A61K 38/04 (2006.01); **A61P 5/00** (2006.01); **A61P 5/10** (2006.01); **A61P 25/04** (2006.01); **A61P 29/00** (2006.01); **A61K 38/22** (2006.01); **A61P 35/00** (2006.01); **C07D 209/20** (2006.01); **C07K 1/00** (2006.01); **C07K 1/113** (2006.01); **C07K 5/10** (2006.01); **C07K 7/06** (2006.01); **C07K 7/23** (2006.01); **C07K 14/00** (2006.01); **C07K 14/575** (2006.01); **C07K 14/60** (2006.01); **C07K 14/655** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)
A61P 5/00 (2018.01); **A61P 5/10** (2018.01); **A61P 25/04** (2018.01); **A61P 29/00** (2018.01); **A61P 35/00** (2018.01); **C07D 209/20** (2013.01); **C07K 1/006** (2013.01); **C07K 7/23** (2013.01); **C07K 14/575** (2013.01); **C07K 14/60** (2013.01); **C07K 14/6555** (2013.01); **A61K 38/00** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9118016 A1 19911128; AT E114321 T1 19941215; AU 657475 B2 19950316; AU 7699791 A 19911210; CA 2081450 A1 19911112; CA 2081450 C 20010327; DE 69105270 D1 19950105; DE 69105270 T2 19950413; DK 0531461 T3 19950515; EP 0531461 A1 19930317; EP 0531461 B1 19941123; ES 2067256 T3 19950316; GR 3015146 T3 19950531; HK 1006173 A1 19990212; IT 1240643 B 19931217; IT 9020273 A0 19900511; IT 9020273 A1 19911111; JP 3319595 B2 20020903; JP H05507066 A 19931014; KR 100216386 B1 19990816

DOCDB simple family (application)
EP 9100727 W 19910417; AT 91920995 T 19910417; AU 7699791 A 19910417; CA 2081450 A 19910417; DE 69105270 T 19910417; DK 91920995 T 19910417; EP 91920995 A 19910417; ES 91920995 T 19910417; GR 950400366 T 19950222; HK 98105280 A 19980615; IT 2027390 A 19900511; JP 50792291 A 19910417; KR 920702659 A 19921026